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Form PTO-1449INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
(Use several sheets if necessary)

Docket Number 263742000201 Application Number 09/836,625

Applicant
Bruce J. ROSER, et al.
Filing Date April 16, 2001 Group Art Unit 1642
Mailing Date: September 12, 2002

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U.S. PATENT DOCUMENTS TECH CENTER 1600/2900

Examiner Initials	Ref. No.	Date	Document No..	Name	Class	Subclass	Filing Date If Appropriate
Y	1.	01/26/1971	3,557,717	Chivers			
	2.	11/09/1971	3,619,294	Black et al.			
	3.	01/04/1972	3,632,357	Childs			
	4.	04/11/1972	3,655,442	Schwer et al.			
	5.	11/28/1978	4,127,502	Li Mutti et al.			
	6.	06/19/1979	4,158,544	Louderback			
	7.	04/27/1982	4,327,076	Puglia et al.			
	8.	04/27/1982	4,327,077	Puglia et al.			
	9.	05/13/1986	4,588,744	McHugh			
	10.	10/20/1987	4,701,417	Portenhauser et al.			
	11.	08/09/1988	4,762,857	Bollin, Jr. et al.			
	12.	09/12/1989	4,865,871	Livesey et al.			
	13.	11/28/1989	4,883,762	Hoskins			
	14.	01/02/1990	4,891,319	Roser	Daryl		
	15.	06/25/1991	5,026,566	Roser			
	16.	03/24/1992	5,098,893	Franks et al.			
	17.	09/22/1992	5,149,653	Roser			
	18.	09/07/1993	5,242,792	Rudolph et al.			
	19.	03/01/1994	5,290,765	Wetlaufer et al.			
	20.	09/20/1994	5,348,852	Bonderman			
	21.	06/06/1995	5,422,384	Samuels et al.			
	22.	04/30/1996	5,512,547	Johnson et al.			
	23.	03/18/1997	5,612,315	Pikal et al.			

FOREIGN PATENT DOCUMENTS

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M. T. DAVIS

DATE CONSIDERED:

11/01/04

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



Form PTO-14495 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number 263742000201		Application Number 09/836,625	
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Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
TL	24.	06/13/1979	GB 2 009 198 A	Britain			
↓	25.	03/28/1984	GB 2 126 588 A	Britain			
↓	26.	01/05/1989	GB 2 206 273 A	Britain			
↓	27.	03/06/1991	EP 0 415 567 A2	Europe			
	28.	08/07/1985	60-149972 A2	Japan	} could not examine -		
	29.	05/11/1988	63-106562 A2	Japan	} not in English		
TL	30.	01/15/1987	WO 87/00196 A1	WIPO			
↓	31.	07/27/1989	WO 89/06542 A1	WIPO			
↓	32.	05/03/1990	WO 90/04329 A1	WIPO			
↓	33.	11/15/1990	WO 90/13637 A1	WIPO			
↓	34.	02/20/1992	WO 92/02133 A1	WIPO			
↓	35.	02/03/1995	WO 95/05809 A1	WIPO	Examiner (only to the extent of the abstract)		English abstract only
	36.	12/14/1995	WO 95/33488 A1	WIPO			
↓	37.	12/19/1996	WO 96/40077 A2, A3	WIPO			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
TL	38.	Anonymous, (1995). "Biochemicals Organic Compounds for Research and Diagnostic Reagents," <i>SIGMA Chemical Company Catalogue</i> , pp. 995.
↓	39.	Blakeley, D. et al. (October 6, 1990). "Dry Instant Blood Typing Plate for Bedside Use," <i>Lancet</i> 336:854-855.
↓	40.	Burgess, W.H. et al. (1990). "Possible Dissociation of the Heparin-Binding and Mitogenic Activities of Heparin-Binding (Acidic Fibroblast) Growth Factor-1 from its Receptor-Binding Activities by Site-Directed Mutagenesis of a Single Lysine Residue," <i>J. Cell. Biol.</i> 11:2129-2138.
↓	41.	Colaco, C. et al. (September 1992). "Extraordinary Stability of Enzymes Dried in Trehalose: Simplified Molecular Biology," <i>BIO/Technol.</i> 10:1007-1011.
↓	42.	Colaco, C. et al. (1992). "Trehalose Stabilisation of Biological Molecules," <i>Biotechnol. Int'l.</i> pp. 345-350.

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44.	Gillies, S.D. and Wesolowski, J.S. (1990). "Antigen Binding and Biological Activities of Engineered Mutant Chimeric Antibodies with Human Tumor Specificities," <i>Hum. Antibod. Hybridomas</i> 1(1):47-54.
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48.	Lazar, E. et al. (March 1988). "Transforming Growth Factor α : Mutation of Aspartic Acid 47 and Leucine 48 Results in Different Biological Activities," <i>Mol. & Cell. Biol.</i> 8(3):1247-1252.
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52.	Tanford, C. and Reynolds, J.A. (1976). "Characterization of Membrane Proteins in Detergent Solutions," <i>Biochim. Biophys. Acta</i> 457:133-170.
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U.S. PATENT DOCUMENTS

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YGS	1.	07/03/1984	4,457,916	Hayashi et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
YGS	2.	03/19/1997	EP 0 762 897	Europe			

OTHER DOCUMENTS *(including author, title, Date, Pertinent Pages, Etc.)*

Examiner Initials	Ref. No.	Title
YGS	3.	Arakawa, T. et al. (1993). "Factors Affecting Short-Term and Long-Term Stabilities of Proteins," <i>Advanced Drug Delivery Reviews</i> 10:1-28.
	4.	Carpenter, J. F. et al. (1990). "Comparison of Solute-Induced Protein Stabilization in Aqueous Solution and in the Frozen and Dried States," <i>J. Dairy Sci.</i> 73(12):3627-3636.
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	8.	De Young, L.R. et al. (1993). "Aggregation and Denaturation of Apomyoglobin in Aqueous Urea Solutions," <i>Biochemistry</i> 32:3877-3886.
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	10.	Lee, J.C. et al. (1981). "The Stabilization of Proteins by Sucrose," <i>The Journal of Biological Chemistry</i> 256(14):7193-7201.
Y	11.	Manning, M.C. et al. (1989). "Stability of Protein Pharmaceuticals," <i>Pharmaceutical Research</i> 6(11):903-917.

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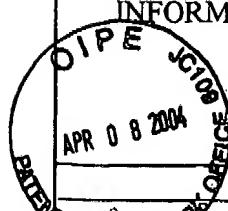
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12.	Newman, Y.M. et al. (1993). "The Role of Trehalose and Other Carbohydrates in Biopreservation," <i>Biotechnology and Genetic Engineering Reviews</i> 11(5):263-294.
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14.	Pikal, M.J. (1991). "Freeze-Drying of Proteins: Part II: Formulation Selection," <i>Pharmaceutical Technology International</i> pp. 40-43.
15.	Prestrelski, S.J. et al. (1993). "Dehydration-Induced Conformational Transitions in Proteins and Their Inhibition by Stabilizers," <i>Biophysical Journal</i> 65:661-671.
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